

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1280	(29/33M,33F,34D).CCLS.	USPAT; USOCR	OR	OFF	2006/01/30 15:38
L2	200	l1 and wire and (crimp or crimping or crimper)	USPAT; USOCR	ADJ	ON	2006/01/30 15:38
S1	4	((("5611141") or ("4043032") or ("4087908") or ("4616396")).PN.	USPAT; USOCR	OR	OFF	2006/01/23 11:28
S2	87	("3423815" "3553814" "3653412" "3769681" "3800389" "3857154" "3939552" "3964147" "3968548" "4043034" "4126935" "4136440" "4253222" "4275619" "4370806" "4377898" "4404743" "4493147" "4495682" "4551893" "4638549" "4734965" "5033186" "5471741").PN. OR ("4043032" "4087908" "4616396" "5611141").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/23 08:42
S3	101	villeneuve.in.	USPAT; USOCR	ADJ	ON	2006/01/23 11:28
S4	1	(jean-claude and villeneuve).in.	USPAT; USOCR	ADJ	ON	2006/01/23 11:29
S5	1	(michel and decarie).in.	USPAT; USOCR	ADJ	ON	2006/01/23 11:30
S6	1	(lassonde normand).in.	USPAT; USOCR	ADJ	ON	2006/01/23 11:30
S7	1	(lassonde and normand).in.	USPAT; USOCR	ADJ	ON	2006/01/23 11:30
S8	0	(kakos pierre).in.	USPAT; USOCR	ADJ	ON	2006/01/23 11:31
S9	0	(kakos and pierre).in.	USPAT; USOCR	ADJ	ON	2006/01/23 11:31
S10	0	(paul-andre and messier).in.	USPAT; USOCR	ADJ	ON	2006/01/23 11:31
S11	0	(paul-andre and messier).in.	USPAT; USOCR; DERWENT	ADJ	ON	2006/01/23 11:31
S12	740	(wire crimping or wire crimper)	USPAT; USOCR	ADJ	ON	2006/01/23 11:34
S13	246	(wire crimping or wire crimper) and "29"/\$.ccls.	USPAT; USOCR	ADJ	ON	2006/01/23 12:34
S14	2	crimp same wire and (micro actuator or micro-actuator)	USPAT; USOCR	ADJ	ON	2006/01/23 12:40
S15	626	(micro actuator or micro-actuator)	USPAT; USOCR	ADJ	ON	2006/01/23 12:41

S16	915	ni-ti or nickerl-titanium	USPAT; USOCR	ADJ	ON	2006/01/23 12:42
S17	915	ni-ti or nickerl-titanium and wire and (crimp or crimping or crimper or cut or punch)	USPAT; USOCR	ADJ	ON	2006/01/23 12:42
S18	309	(ni-ti or nickerl-titanium) and wire and (crimp or crimping or crimper or cut or punch)	USPAT; USOCR	ADJ	ON	2006/01/23 12:43
S19	16	(ni-ti or nickerl-titanium) and wire and (crimp or crimping or crimper or cut or punch) and ("29"/\$ or "140"/\$).ccls.	USPAT; USOCR	ADJ	ON	2006/01/23 12:44
S20	722	(29/739).CCLS.	USPAT; USOCR	OR	OFF	2006/01/23 12:46
S21	23	S20 and crimp	USPAT; USOCR	ADJ	ON	2006/01/23 12:47
S22	38	S20 and crimp\$3	USPAT; USOCR	ADJ	ON	2006/01/23 12:47
S23	11	("3727294" "4033031" "4265013" "4631817" "4658503").PN. OR ("4864718").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/23 13:06
S24	130	small near3 wire and (crimp or crimping or crimper) and cut and "29".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/23 13:07
S25	0	("2005/0022360").URPN.	USPAT	ADJ	ON	2006/01/23 13:12
S26	0	nitinol	USPAT	ADJ	ON	2006/01/23 13:12
S27	5471	nitinol	USPAT	ADJ	ON	2006/01/23 13:13
S28	49	nitinol and wire and "29".clas.	USPAT	ADJ	ON	2006/01/23 13:14
S29	4615	nitinol and wire	USPAT	ADJ	ON	2006/01/23 13:14
S30	2583	nitinol same wire	USPAT	ADJ	ON	2006/01/23 13:14
S31	117	nitinol same wire same (solder or weld or ultrasonic or thermosonic)	USPAT	ADJ	ON	2006/01/23 13:17
S32	4	mechanical relay and wire and crimp	USPAT	ADJ	ON	2006/01/23 13:17
S33	7	mechanical relay and wire and crimp\$3	USPAT	ADJ	ON	2006/01/23 13:18
S34	3391	wire and crimp	EPO; JPO; DERWENT	ADJ	ON	2006/01/23 13:40
S35	85	vibration and applying and unit and attached and unit	EPO; JPO; DERWENT	ADJ	ON	2006/01/23 13:41
S36	1807	vibration and applying and unit and attached and unit and wafer and electrode	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/23 13:41

S37	3	(vibration and applying and unit and attached and unit and wafer and electrode).clm.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/23 13:42
S38	1281	punch with tool with plate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/23 13:46
S39	1281	punch with tool with plates	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/23 13:46
S40	1281	punch with tool with "plates"	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/23 13:47
S41	185	punch with tool with "plates"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/01/23 13:47
S42	185	punch with tool with plates	US-PGPUB; USPAT; USOCR	ADJ	OFF	2006/01/23 13:49
S43	3391	wire and crimp	EPO; JPO; DERWENT	ADJ	ON	2006/01/23 13:50
S44	4894	wire same crimp\$3	EPO; JPO; DERWENT	ADJ	ON	2006/01/23 13:50
S45	416	wire same crimp\$3 same (punch or cut)	EPO; JPO; DERWENT	ADJ	ON	2006/01/23 14:05
S46	1	crimp punch tool	EPO; JPO; DERWENT	ADJ	ON	2006/01/23 14:05
S47	0	crimp punch tool	USPAT; USOCR	ADJ	ON	2006/01/23 14:07
S48	11330	(B21D039/\$ OR B21F15/\$ or B23P11/\$ or H01R43/04 or B21D39/\$ or B21F15/\$ or B23P11/\$ or H01R43/04).ipc.	EPO; JPO; DERWENT	ADJ	ON	2006/01/23 14:09
S49	293	S48 and wire	EPO; JPO; DERWENT	ADJ	ON	2006/01/23 14:09
S50	3014	shape memory alloy and wire	USPAT; USOCR	ADJ	ON	2006/01/23 14:19
S51	1435	shape memory alloy and wire and (cut or punch or crimp)	USPAT; USOCR	ADJ	ON	2006/01/23 14:20
S52	595	shape memory alloy same wire and (cut or punch or crimp)	USPAT; USOCR	ADJ	ON	2006/01/23 14:20
S53	65	shape memory alloy same wire same (cut or punch or crimp)	USPAT; USOCR	ADJ	ON	2006/01/23 14:26
S54	2	((("4616396") or ("5195042")).PN.	USPAT; USOCR	OR	OFF	2006/01/23 14:52
S55	561	(29/33m).CCLS.	USPAT; USOCR	OR	OFF	2006/01/23 14:53

S56	117	S55 and crimp	USPAT; USOCR	ADJ	ON	2006/01/23 14:57
S57	14	wire (spool or bobbin or spindle) and crimp and punch and cut	USPAT; USOCR	ADJ	ON	2006/01/23 16:36
S58	340469	spool or bobbin or spindle	USPAT; USOCR	ADJ	ON	2006/01/23 16:38
S60	1459633	wire or cable or conductor	USPAT; USOCR	ADJ	ON	2006/01/23 16:38
S61	1466159	cut or punch or hit	USPAT; USOCR	ADJ	ON	2006/01/23 16:39
S62	1269808	crimp or connector or terminal	USPAT; USOCR	ADJ	ON	2006/01/23 16:39
S63	191014	pneumatic	USPAT; USOCR	ADJ	ON	2006/01/23 16:40
S64	257063	pulley	USPAT; USOCR	ADJ	ON	2006/01/23 16:40
S65	3	S58 same S60 same S61 same S62 same S63 same S64	USPAT; USOCR	ADJ	ON	2006/01/23 16:45
S66	1975	S58 same S60 same S61 same S62	USPAT; USOCR	ADJ	ON	2006/01/23 16:46
S67	0	crimp with punch and wire with cutter and (spool or bobbin or spindle) with brake	USPAT; USOCR	ADJ	ON	2006/01/23 16:50
S68	0	(crimp with punch) and (wire with cutter) and ((spool or bobbin or spindle) with brake)	USPAT; USOCR	ADJ	ON	2006/01/23 16:50
S69	0	(crimp with punch) and (wire with cutter) and ((spool or bobbin or spindle) same brake)	USPAT; USOCR	ADJ	ON	2006/01/23 16:50
S70	0	(crimp with punch) and (wire with cut) and ((spool or bobbin or spindle) same brake)	USPAT; USOCR	ADJ	ON	2006/01/23 16:51
S71	1	(crimp same punch) and (wire with cut) and ((spool or bobbin or spindle) same brake)	USPAT; USOCR	ADJ	ON	2006/01/23 16:53
S72	17	wire crimping apparatus	USPAT; USOCR	ADJ	ON	2006/01/24 07:00
S73	1454	wire crimping or wire crimper or cable crimping or cable crimper	USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/01/24 07:04
S74	5	("5765278" "5913934" "5966806" "6067828" "6418768").PN. OR ("6961992"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 07:09
S75	552	S73 and (cut or cutting)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 07:09

S76	7	("3613878" "3711931" "3722670" "4508220" "4648158" "5303821" "5314065").PN. OR ("5927491").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 08:27
S77	0	aparatus with installing with wire with between with (termninals or crimps or connectors)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 08:28
S78	2	apparatus with installing with wire with between with (termninals or crimps or connectors)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 08:29
S79	32	installing with wire with between with (termninals or crimps or connectors)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 08:29
S80	1	("2696546").URPN.	USPAT	ADJ	ON	2006/01/24 08:52
S81	439	(29/844,845).CCLS.	USPAT; USOCR	OR	OFF	2006/01/24 08:53
S82	37	("2750572" "3182276" "3545606" "3880486" "3924915" "4442938" "4451714" "4466184" "4551901" "4602317" "4639056" "4695258" "4707657" "4902234" "4975068" "4976626" "5049084" "5059129" "5105537" "5118299" "5163834" "5171154" "5190463" "5215471" "5248261" "5248262" "5354205" "5461482" "5501610" "5514008" "5533904" "5575662" "5933946").PN. OR ("6256879").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 08:59
S83	5	("3429039").URPN.	USPAT	ADJ	ON	2006/01/24 09:15
S84	6	("3429039" "3524240").PN. OR ("3777349").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 09:16
S85	17	("2969521").URPN.	USPAT	ADJ	ON	2006/01/24 09:17
S86	2	("2929136").URPN.	USPAT	ADJ	ON	2006/01/24 09:19
S87	737	(29/861-863).CCLS.	USPAT; USOCR	OR	OFF	2006/01/24 09:24
S88	496	S87 and(cut or crimp or punch)	USPAT; USOCR	ADJ	ON	2006/01/24 09:25
S89	529	S87 and wire	USPAT; USOCR	ADJ	ON	2006/01/24 09:25
S90	3	("3950065" "4846712" "5575061").PN. OR ("6266875").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 09:30
S91	19	("4461061" "5075963" "5355582").PN. OR ("5575061").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 09:31

S92	12	("3634803" "3725835" "3893055" "4544988" "4700541" "4772807" "4864824" "4887430" "5206775" "5410290" "5990777" "6016096").PN. OR ("6917276").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 09:36
S93	7972	shape memory alloy	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 09:36
S94	331	shape memory alloy and (crimp or cut) with wire	USPAT; USOCR	ADJ	ON	2006/01/24 09:37
S95	3	("4617731" "5465478" "5909913").PN. OR ("6079097").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 09:54
S96	0	("5718042").URPN.	USPAT	ADJ	ON	2006/01/24 10:10
S97	10	("5083370" "5127189" "5208977" "5315756" "5355583" "5414925" "5477607" "5515601" "5575058" "5615478").PN. OR ("5718042").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 10:12
S98	32	(inserting wire).ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 10:12
S99	20	("4493147" "4551893" "4638549" "4734965" "5033186" "5471741").PN. OR ("5611141").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 10:17
S10 0	9	("3377915" "3548493").PN. OR ("5018269").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 10:26
S10 1	15	("3772571" "3871072" "3887999" "3891013" "3970354" "4076365" "4094566" "4125137" "4132251" "4132252" "4181384" "4367909" "4387509" "4614028" "4684765").PN. OR ("4879810").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 10:30

S10 2	237	("1720463" "1955513" "2112137" "2188617" "2449150" "2478274" "2587239" "2958926" "3079672" "3083743" "3195584" "3253324" "3277347" "3279040" "3283987" "3295189" "3350679" "3374305" "3450829" "3500293" "3550066" "3550236" "3569900" "3609648" "3631594" "3636991" "3660728" "3687172" "3708853" "3737833" "3739818" "3747186" "3765073" "3768067" "3771102" "3779290" "3817127" "3850492" "3881246" "3891013" "3895181" "3926498" "3936933" "4027941" "4043017" "4076365" "4080038" "4094566" "4097106" "4125137" "4290661" "4387509" "4412715").PN. OR ("3772571" "3871072" "3887999" "3891013" "3970354" "4076365" "4094566" "4125137" "4132251" "4132252" "4181384" "4367909" "4387509" "4614028" "4684765").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 10:37
S10 3	20345	bus bars	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 10:37
S10 4	42	("3791008" "3887999" "3953916").PN. OR ("4043017"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 11:21
S10 5	24	("1605688" "2535013" "2550578" "2572956" "2721314" "3038958" "3777051" "3878318" "4173388" "4228584" "4253234" "4254448" "4365396" "4563666").PN. OR ("4773157").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 11:33
S10 6	5	("3960309" "4230925" "4359623").PN. OR ("4746048"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 12:43
S10 7	45	cutter same wire crimp\$3	USPAT; USOCR	ADJ	ON	2006/01/24 14:07
S10 8	1888	(cut or cutter or cutting or sever or severing) and (air or pneumatic) and (spool or bobbin or spindle or continuous wire) and (crimp or crimper or crimping)	USPAT; USOCR	ADJ	ON	2006/01/24 14:09

S10 9	181	(cut or cutter or cutting or sever or severing) same (air or pneumatic) same (spool or bobbin or spindle or continuous wire) same (crimp or crimper or crimping)	USPAT; USOCR	ADJ	ON	2006/01/24 14:26
S11 0	26	(cut or cutter or cutting or sever or severing) same (air or pneumatic) same (spool or bobbin or spindle or continuous wire) same (crimp or crimper or crimping) and "29".clas.	USPAT; USOCR	ADJ	ON	2006/01/24 14:27
S11 1	0	("3075567").URPN.	USPAT	ADJ	ON	2006/01/24 14:48
S11 2	0	("4831727" "4259778" "4587725" "4630362" "4831722" "5671528" "5901439" "5355582" "5365658" "5366388" "5658166" "3892376" "4025999" "4134201" "4164065" "4074424" "4622434" "4828516" "4890384" "4920642" "4924693" "4976132" "5035655" "5186036" "5193379" "5214832" "5291772" "5305511" "5564613" "5797957" "6123678" "6196885" "6332814" "6461310" "6517392" "6807728" "6826831" "4398337" "4774762" "5187887" "5210923" "4249581" "4534107" "4921440" "5213523" "5456005" "5913553" "3911712" "3886642" "3859708").pn.	USPAT	ADJ	ON	2006/01/24 14:48
S11 3	0	("4831727" "4259778" "4587725" "4630362" "4831722" "5671528" "5901439" "5355582" "5365658" "5366388" "5658166" "3892376" "4025999" "4134201" "4164065" "4074424" "4622434" "4828516" "4890384" "4920642" "4924693" "4976132" "5035655" "5186036" "5193379" "5214832" "5291772" "5305511" "5564613" "5797957" "6123678" "6196885" "6332814" "6461310" "6517392" "6807728" "6826831" "4398337" "4774762" "5187887" "5210923" "4249581" "4534107" "4921440" "5213523" "5456005" "5913553" "3911712" "3886642" "3859708").pn.	USPAT	ADJ	ON	2006/01/24 14:49

S11 4	0	("4831727" "4259778" "4587725" "4630362" "4831722" "5671528" "5901439" "5355582" "5365658" "5366388" "5658166" "3892376" "4025999" "4134201" "4164065" "4074424" "4622434" "4828516" "4890384" "4920642" "4924693" "4976132" "5035655" "5186036" "5193379" "5214832" "5291772" "5305511" "5564613" "5797957" "6123678" "6196885" "6332814" "6461310" "6517392" "6807728" "6826831" "4398337" "4774762" "5187887" "5210923" "4249581" "4534107" "4921440" "5213523" "5456005" "5913553" "3911712" "3886642" "3859708").pn.	USPAT; USOCR	ADJ	ON	2006/01/24 14:49
S11 5	50	("4831727" "4259778" "4587725" "4630362" "4831722" "5671528" "5901439" "5355582" "5365658" "5366388" "5658166" "3892376" "4025999" "4134201" "4164065" "4074424" "4622434" "4828516" "4890384" "4920642" "4924693" "4976132" "5035655" "5186036" "5193379" "5214832" "5291772" "5305511" "5564613" "5797957" "6123678" "6196885" "6332814" "6461310" "6517392" "6807728" "6826831" "4398337" "4774762" "5187887" "5210923" "4249581" "4534107" "4921440" "5213523" "5456005" "5913553" "3911712" "3886642" "3859708").pn.	USPAT; USOCR	OR	ON	2006/01/24 14:54
S11 6	19	US-1399101-\$.DID. OR US-2819634-\$.DID. OR US-3028987-\$.DID. OR US-3044530-\$.DID. OR US-3078904-\$.DID. OR US-3172454-\$.DID. OR US-3221532-\$.DID. OR US-3577622-\$.DID. OR US-4043174-\$.DID. OR US-4385515-\$.DID. OR US-4538443-\$.DID. OR US-5111681-\$.DID.	USPAT; USOCR	OR	ON	2006/01/24 14:54
S11 7	723	(29/566,566.1,566.3).CCLS.	USPAT; USOCR	OR	OFF	2006/01/24 15:24
S11 8	89	S117 and crimp\$3	USPAT; USOCR	ADJ	ON	2006/01/24 15:24

S11 9	14	("3101765" "3875662" "3911717" "3946145" "4019362" "4246771" "4351110" "4587725" "4707913" "4831727").PN. OR ("5357669"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 15:25
S12 0	14	("3101765" "3875662" "3911717" "3946145" "4019362" "4246771" "4351110" "4587725" "4707913" "4831727").PN. OR ("5357669"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 16:24
S12 1	25	crimper plates	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 16:25
S12 2	25	crimper plate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 16:26
S12 3	397	wire with (crimping or crimper) with plate	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 16:32
S12 4	0	("2005/0034505").URPN.	USPAT	ADJ	ON	2006/01/24 16:28
S12 5	334	wire with (crimping or crimper) with plate	USPAT; USOCR	ADJ	ON	2006/01/24 16:53
S12 6	22	("3931671" "3965559" "4019362" "4025999" "4118971" "4617731" "4847992" "4850905" "5018270" "5142765" "5357669" "5491887" "5575061" "5661898" "5765278" "5799391" "5852868" "5967395").PN. OR ("6327775"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 16:35
S12 7	10	("20020184753" "3965559" "5174022" "5575061" "5737830" "5799391" "5909913" "6276052" "6327775" "6367148").PN. OR ("6655013"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 16:36
S12 8	33	("2779590" "2876452" "3037545" "3066717" "3184950" "3289446" "3390567" "3398567" "3548479" "3628228" "3673847" "3745807" "3813753").PN. OR ("4019362"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/24 16:43
S12 9	51	wire with (crimping or crimper) with plate with (cut or cutter or cutting or shear or shearing)	USPAT; USOCR	ADJ	ON	2006/01/24 17:04

S13 0	0	havy cable	USPAT; USOCR	ADJ	ON	2006/01/25 07:20
S13 1	5	(heavy cable).ti.	USPAT; USOCR	ADJ	ON	2006/01/25 07:21
S13 2	0	(crimping blick).ti.	USPAT; USOCR	ADJ	ON	2006/01/25 07:21
S13 3	2814116	o	USPAT; USOCR	ADJ	ON	2006/01/25 07:21
S13 4	1	(crimping block).ti.	USPAT; USOCR	ADJ	ON	2006/01/25 07:34
S13 5	141	guide plate and (cutting plate or cutter or shearing plate or shearing member) and (punch plate or punching plate or pressing plate or crimper)	USPAT; USOCR	ADJ	ON	2006/01/25 07:44
S13 6	910	140/93r.ccls.	USPAT; USOCR	ADJ	ON	2006/01/25 07:44
S13 7	416	S136 and wire	USPAT; USOCR	ADJ	ON	2006/01/25 07:45
S13 8	33	S136 and wire and crimp\$3	USPAT; USOCR	ADJ	ON	2006/01/25 07:46
S13 9	1	("4616396").PN.	USPAT; USOCR	OR	OFF	2006/01/25 09:04
S14 0	22	("3939552" "4043034" "4126935" "4136440" "4253222" "4275619" "4370806" "4377898" "4404743" "4495682").PN. OR ("4616396"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/25 09:20
S14 1	93262	("72").CLAS.	USPAT; USOCR	OR	OFF	2006/01/26 08:45
S14 2	21548	S141 and plate	USPAT; USOCR	ADJ	ON	2006/01/26 08:45
S14 3	3526	S141 and plate with (punch or cut\$3)	USPAT; USOCR	ADJ	ON	2006/01/26 08:46
S14 4	2069	S141 and plate with (punch or cut\$3) and spring	USPAT; USOCR	ADJ	ON	2006/01/26 08:46
S14 5	36	(Matsui Minoru).in.	USPAT	ADJ	ON	2006/01/26 09:10
S14 6	109	brake same (spool or reel or bobbin) same friction same wire	USPAT	ADJ	ON	2006/01/26 12:43
S14 7	16	("1418706" "1908073" "20020003184" "20030015619" "3069107" "3351302" "3618870" "3648948" "3796392" "3912191" "4124176" "4742973").PN. OR ("6905089"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/26 12:42

S14 8	7	brake same (spool or reel or bobbin) same friction pad same wire	USPAT	ADJ	ON	2006/01/26 13:21
S14 9	1017	pneumatic valve and computer	USPAT	ADJ	ON	2006/01/26 13:21
S15 0	5	pneumatic valve and computer and air accumulator	USPAT	ADJ	ON	2006/01/26 13:21
S15 1	102	pneumatic valve with computer	USPAT	ADJ	ON	2006/01/26 13:23
S15 2	4	pneumatic valve with computer and (crimp or harness)	USPAT	ADJ	ON	2006/01/26 13:30
S15 3	1	("5195042").PN.	USPAT; USOCR	OR	OFF	2006/01/26 13:24
S15 4	103	("1956778" "2043453" "2064445" "2107970" "2254613" "2618929" "2688231" "2696850" "2729063" "2821877" "2869407" "3030838" "3091276" "3130675" "3154981" "3190319" "3258921" "3289445" "3307482" "3389717" "3398567" "3417599" "3459218" "3473213" "3627367" "3740952" "3772907" "3911717" "3972218" "4025999" "4028756" "4031613" "4031619" "4109504" "4110983" "4132107" "4136549" "4151720" "4226110" "4227299" "4240280" "4292833" "4294006" "4313258" "4339942" "4342216" "4356501" "4366673" "4400873" "4478479" "4581894" "4587725" "4589272" "4604890" "4640117" "4667502" "4671063" "4723434" "4796461" "4856186" "4914941" "4916810" "5046241" "Re30001").PN. OR ("5195042").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/26 13:27
S15 5	7	pneumatic with valve with computer and (crimp\$3)	USPAT	ADJ	ON	2006/01/26 13:31
S15 6	12354	sensor with speed with (valve or air or pneumatic)	USPAT	ADJ	ON	2006/01/26 13:38
S15 7	7298	sensor with speed with (valve or pneumatic)	USPAT	ADJ	ON	2006/01/26 13:38
S15 8	53	sensor with speed with (valve or pneumatic) with wire	USPAT	ADJ	ON	2006/01/26 13:39
S15 9	0	sensor with speed with (valve or pneumatic) with wire and "29".clas.	USPAT	ADJ	ON	2006/01/26 13:39

S16 0	15	sensor with speed with (valve or pneumatic) and "29".clas.	USPAT	ADJ	ON	2006/01/26 13:40
S16 1	0	position sensor with wire with valve with flow regulator	USPAT	ADJ	ON	2006/01/26 13:41
S16 2	0	position sensor same wire same valve with flow regulator	USPAT	ADJ	ON	2006/01/26 13:41
S16 3	0	position sensor same wire same valve same flow regulator	USPAT	ADJ	ON	2006/01/26 13:41
S16 4	0	position with sensor same wire same valve same flow regulator	USPAT	ADJ	ON	2006/01/26 13:41
S16 5	4	sensor same wire same valve same flow regulator	USPAT	ADJ	ON	2006/01/26 13:43
S16 6	1756	sensor with pneumatic with (valve or flow or regulator)	USPAT	ADJ	ON	2006/01/26 13:44
S16 7	1392	sensor with pneumatic with (valve)	USPAT	ADJ	ON	2006/01/26 13:44
S16 8	490839	cylinder	USPAT	ADJ	ON	2006/01/26 13:44
S16 9	121	sensor with pneumatic cylinder with (valve or flow or regulator)	USPAT	ADJ	ON	2006/01/26 13:46
S17 0	92	flow regulator with valve with sensor	USPAT	ADJ	ON	2006/01/26 13:56
S17 1	2	computer with control\$3 with calve	USPAT	ADJ	ON	2006/01/26 13:56
S17 2	8857	computer with control\$3 with valve	USPAT	ADJ	ON	2006/01/26 13:56
S17 3	0	computer with control\$3 with valve and "29".clas"	USPAT	ADJ	ON	2006/01/26 13:56
S17 4	95	computer with control\$3 with valve and "29".clas.	USPAT	ADJ	ON	2006/01/26 13:58
S17 5	301	air accumulator and pneumatic	USPAT	ADJ	ON	2006/01/26 13:58
S17 6	122	air accumulator same pneumatic	USPAT	ADJ	ON	2006/01/26 13:58
S17 7	57	air accumulator with pneumatic	USPAT	ADJ	ON	2006/01/26 13:59
S17 8	2	air accumulator with pneumatic same computer	USPAT	ADJ	ON	2006/01/26 14:00
S17 9	0	air accumulator same pneumatic same computer	USPAT	ADJ	ON	2006/01/26 14:00
S18 0	2	air accumulator same pneumatic same computer	USPAT	ADJ	ON	2006/01/26 14:00
S18 1	16	air accumulator same pneumatic and computer	USPAT	ADJ	ON	2006/01/26 14:05
S18 2	16	air accumulator same pneumatic and computer	USPAT	ADJ	ON	2006/01/26 14:06

S18 3	724	air accumulator	USPAT	ADJ	ON	2006/01/26 14:09
S18 4	1	plrnum	USPAT	ADJ	ON	2006/01/26 14:09
S18 5	47991	plenum	USPAT	ADJ	ON	2006/01/26 14:09
S18 6	8911	plenum chamber	USPAT	ADJ	ON	2006/01/26 14:09
S18 7	96	plenum chamber and S174/\$.cccls.	USPAT	ADJ	ON	2006/01/26 14:18
S18 8	279	pneumatic accumulator	USPAT	ADJ	ON	2006/01/26 14:20
S18 9	1	pneumatic accumulator and crimp	USPAT	ADJ	ON	2006/01/26 14:21
S19 0	279	pneumatic accumulator	USPAT	ADJ	ON	2006/01/26 14:39
S19 1	44	pneumatic pressure accumulator	USPAT	ADJ	ON	2006/01/26 14:39
S19 2	22	("2948661" "3025962" "3130154" "3563382" "3875051" "3957633" "4230578" "4563274" "4594153" "4715966" "5312594" "5319973" "5672050" "5859589" "5900546" "5963883" "6004463" "6012020" "6203282").PN. OR ("6632072").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/26 14:44
S19 3	13	((("5146673") or ("5253555") or ("5265502") or ("5279219") or ("5293683") or ("5456148") or ("5469763") or ("5523718") or ("5528962") or ("5640891") or ("5653016") or ("5664324") or ("5937511")).PN.	USPAT; USOCR	OR	OFF	2006/01/26 15:15
S19 4	13	((("5146673") or ("5253555") or ("5265502") or ("5279219") or ("5293683") or ("5456148") or ("5469763") or ("5526718") or ("5528962") or ("5640891") or ("5653016") or ("5664324") or ("5937511")).PN.	USPAT; USOCR	OR	OFF	2006/01/26 15:16
S19 5	35	S158 and air	USPAT; USOCR	ADJ	ON	2006/01/26 15:16
S19 6	0	S158 and air accumulator	USPAT; USOCR	ADJ	ON	2006/01/26 15:16
S19 7	1	S194 and air	USPAT; USOCR	ADJ	ON	2006/01/26 15:19
S19 8	769	accumulator cylinder	USPAT; USOCR	ADJ	ON	2006/01/26 15:19

S19 9	81	accumulator cylinder with air	USPAT; USOCR	ADJ	ON	2006/01/26 15:22
S20 0	1090	air accumulator	USPAT; USOCR	ADJ	ON	2006/01/26 15:23
S20 1	436	air accumulator and pneumatic	USPAT; USOCR	ADJ	ON	2006/01/26 15:35
S20 2	393	receiver tank with air	USPAT; USOCR	ADJ	ON	2006/01/26 15:36
S20 3	1	receiver tank with air and S174/\$. ccls.	USPAT; USOCR	ADJ	ON	2006/01/26 15:43
S20 4	114	receiver tank with air with compressed	USPAT; USOCR	ADJ	ON	2006/01/26 17:27
S20 5	388	pneumatic with valve with computer with (control or controlled)	USPAT; USOCR	ADJ	ON	2006/01/27 06:57
S20 6	47	james watt.in.	USPAT; USOCR	ADJ	ON	2006/01/27 06:58
S20 7	23	james watt.in.	USOCR	ADJ	ON	2006/01/27 06:58
S20 8	93262	("72").CLAS.	USPAT; USOCR	OR	OFF	2006/01/27 07:59
S20 9	426	S208 and wire guide	USPAT; USOCR	ADJ	ON	2006/01/27 08:00
S21 0	10	("20020184753" "3965559" "5174022" "5575061" "5737830" "5799391" "5909913" "6276052" "6327775" "6367148").PN. OR ("6655013"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 08:00
S21 1	22	("3931671" "3965559" "4019362" "4025999" "4118971" "4617731" "4847992" "4850905" "5018270" "5142765" "5357669" "5491887" "5575061" "5661898" "5765278" "5799391" "5852868" "5967395").PN. OR ("6327775"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 08:03
S21 2	19	("4461061" "5075963" "5355582").PN. OR ("5575061"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 08:05
S21 3	14	("3101765" "3875662" "3911717" "3946145" "4019362" "4246771" "4351110" "4587725" "4707913" "4831727").PN. OR ("5357669"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 08:12

S21 4	558	S208 and (crimp\$3 with plate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 08:12
S21 5	220	S208 and (crimp\$3 near3 plate)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 08:13
S21 6	100	S208 and (crimp\$3 near3 plate) and wire	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 08:13
S21 7	9	("2369551" "3091277" "3883978" "5353625").PN. OR ("5752405").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 08:14
S21 8	834	(29/753).CCLS.	USPAT; USOCR	OR	OFF	2006/01/27 08:25
S21 9	473	S218 and plate	USPAT; USOCR	ADJ	ON	2006/01/27 08:35
S22 0	6	("5168736" "5353625" "5669257" "5704110" "5852868").PN. OR ("6073471"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 08:29
S22 1	56	S218 and blade not plate	USPAT; USOCR	ADJ	ON	2006/01/27 08:48
S22 2	924	(29/759).CCLS.	USPAT; USOCR	OR	OFF	2006/01/27 08:52
S22 3	722	(29/739).CCLS.	USPAT; USOCR	OR	OFF	2006/01/27 08:54
S22 4	245	S223 and wire	USPAT; USOCR	ADJ	ON	2006/01/27 09:35
S22 5	4	at least one wire guide	USPAT; USOCR	ADJ	ON	2006/01/27 10:06
S22 6	834	(29/753).CCLS.	USPAT; USOCR	OR	OFF	2006/01/27 13:33
S22 7	93262	("72").CLAS.	USPAT; USOCR	OR	OFF	2006/01/27 13:33
S22 8	56492	("72").CLAS.	USPAT	OR	OFF	2006/01/27 13:33
S22 9	21548	S227 and plate	USPAT; USOCR	ADJ	ON	2006/01/27 13:34
S23 0	3849	S227 and plate and wire	USPAT; USOCR	ADJ	ON	2006/01/27 13:34
S23 1	542	S227 and plate and wire and crimp\$3	USPAT; USOCR	ADJ	ON	2006/01/27 13:34
S23 2	453	S227 and plate and wire and cutter	USPAT; USOCR	ADJ	ON	2006/01/27 13:35
S23 3	1745	("72"/\$.ccls. or "29"/\$.ccls.) and plate and wire and cutter	USPAT; USOCR	ADJ	ON	2006/01/27 13:35

S23 4	282	("72"/\$.ccls. or "29"/\$.ccls.) and plate and wire and cutter and (crimping or crimper or crimp or harness)	USPAT; USOCR	ADJ	ON	2006/01/27 13:36
S23 5	89	plate and wire and cutter and (crimping or crimper or crimp or harness).ti.	USPAT; USOCR	ADJ	ON	2006/01/27 13:40
S23 6	725	(plate or blade) with cutter and (crimper or crimping)	USPAT; USOCR	ADJ	ON	2006/01/27 13:41
S23 7	93399	(plate or blade) with cutter and (crimper or crimping) and "29"/\$.ccls. or "72"/\$.ccls.	USPAT; USOCR	ADJ	ON	2006/01/27 13:42
S23 8	184	(plate or blade) with cutter and (crimper or crimping) and ("29"/\$.ccls. or "72"/\$.ccls.)	USPAT; USOCR	ADJ	ON	2006/01/27 13:50
S23 9	740	wire crimper or wire crimping	USPAT; USOCR	ADJ	ON	2006/01/27 13:51
S24 0	387	wire crimper or wire crimping and (plate or blad)	USPAT; USOCR	ADJ	ON	2006/01/27 13:51
S24 1	446	wire crimper or wire crimping and (plate or blade)	USPAT; USOCR	ADJ	ON	2006/01/27 14:00
S24 2	179	holding plate with cutter	USPAT; USOCR	ADJ	ON	2006/01/27 14:01
S24 3	72	holding plate with (cutting or cutter) and wire	USPAT; USOCR	ADJ	ON	2006/01/27 14:03
S24 4	1236	plate with (cutting or cutter) and wire and S240/\$.ccls.	USPAT; USOCR	ADJ	ON	2006/01/27 14:04
S24 5	332	plate with (cutting or cutter) and wire and S240/\$.ccls. and (crimp or connector or harness)	USPAT; USOCR	ADJ	ON	2006/01/27 14:04
S24 6	10	("20020184753" "3965559" "5174022" "5575061" "5737830" "5799391" "5909913" "6276052" "6327775" "6367148").PN. OR ("6655013").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 14:12
S24 7	9	("20020184753" "3965559" "5174022" "5575061" "5737830" "5799391" "5909913" "6276052" "6327775" "6367148").PN. OR ("6655013").URPN.	USPAT; USOCR	ADJ	ON	2006/01/27 14:13
S24 8	23	("3091276" "4025999" "4133260" "4289066" "4790173" "4884433" "5046241" "5095599" "5228326" "5275032" "5289713" "5323634" "5337589" "5481796" "5483739" "5491994" "5517749").PN. OR ("5909913").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 14:15

S24 9	23	("3091276" "4025999" "4133260" "4289066" "4790173" "4884433" "5046241" "5095599" "5228326" "5275032" "5289713" "5323634" "5337589" "5481796" "5483739" "5491994" "5517749").PN. OR ("5909913").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 14:15
S25 0	23	("3091276" "4025999" "4133260" "4289066" "4790173" "4884433" "5046241" "5095599" "5228326" "5275032" "5289713" "5323634" "5337589" "5481796" "5483739" "5491994" "5517749").PN. OR ("5909913").URPN.	USPAT; USOCR	ADJ	ON	2006/01/27 14:15
S25 1	15	("4587725" "4790173" "4970889" "5033283" "5095599" "5289713").PN. OR ("5483739"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 15:33
S25 2	4407	table with hopper	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 15:33
S25 3	1263	table near3 hopper	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/27 15:35
S25 4	689	(29/760).CCLS.	USPAT; USOCR	OR	OFF	2006/01/27 15:36
S25 5	1	S254 and vacuum table	USPAT; USOCR	ADJ	ON	2006/01/27 15:37
S25 6	18	(vacuum table).ti.	USPAT; USOCR	ADJ	ON	2006/01/27 16:08
S25 7	2	(vacuum table).ti. and hopper	USPAT; USOCR	ADJ	ON	2006/01/27 15:38
S25 8	0	(vacuum table).ti. and magazine	USPAT; USOCR	ADJ	ON	2006/01/27 15:38
S25 9	1930	(29/720,721,833,834,759).CCLS.	USPAT; USOCR	OR	OFF	2006/01/27 16:09
S26 0	268	S259 and wire and (crimper or connector)	USPAT; USOCR	ADJ	ON	2006/01/27 16:09
S26 1	93262	("72").CLAS.	USPAT; USOCR	OR	OFF	2006/01/30 07:32
S26 2	456	S261 and ((cutter or blade or cutting) and plate).clm.	USPAT; USOCR	ADJ	ON	2006/01/30 07:33
S26 3	271	(29/411).CCLS.	USPAT; USOCR	OR	OFF	2006/01/30 07:26
S26 4	94570	("83").CLAS.	USPAT; USOCR	OR	OFF	2006/01/30 07:33

S26 5	3108	S264 and ((cutter or blade or cutting) and plate).clm.	USPAT; USOCR	ADJ	ON	2006/01/30 07:33
S26 6	4300	S264 and (plate).clm.	USPAT; USOCR	ADJ	ON	2006/01/30 07:33
S26 7	507	S264 and wire and (plate).clm.	USPAT; USOCR	ADJ	ON	2006/01/30 07:35
S26 8	9	S264 and wire and crimp and (plate).clm.	USPAT; USOCR	ADJ	ON	2006/01/30 07:35
S26 9	47	S264 and wire and crimp and (plate)	USPAT; USOCR	ADJ	ON	2006/01/30 07:37
S27 0	345	(83/743).CCLS.	USPAT; USOCR	OR	OFF	2006/01/30 07:43
S27 1	42	(83/750).CCLS.	USPAT; USOCR	OR	OFF	2006/01/30 07:53
S27 2	817	(100/219).CCLS.	USPAT; USOCR	OR	OFF	2006/01/30 07:55
S27 3	487	(100/231).CCLS.	USPAT; USOCR	OR	OFF	2006/01/30 07:56
S27 4	43546	("100").CLAS.	USPAT; USOCR	OR	OFF	2006/01/30 07:56
S27 5	202	S274 and crimp	USPAT; USOCR	ADJ	ON	2006/01/30 07:57
S27 6	218159	("74").CLAS.	USPAT; USOCR	OR	OFF	2006/01/30 07:57
S27 7	221	S276 and crimp	USPAT; USOCR	ADJ	ON	2006/01/30 07:59
S27 8	45553	S276 and plate	USPAT; USOCR	ADJ	ON	2006/01/30 08:00
S27 9	6743	S276 and plate and wire	USPAT; USOCR	ADJ	ON	2006/01/30 08:00
S28 0	4311	S276 and plate same wire	USPAT; USOCR	ADJ	ON	2006/01/30 08:01
S28 1	1487	S276 and plate same wire and cut\$3	USPAT; USOCR	ADJ	ON	2006/01/30 08:01
S28 2	736	S276 and plate same wire same cut\$3	USPAT; USOCR	ADJ	ON	2006/01/30 08:02
S28 3	7289	led and mirror and camera	USPAT; USOCR	ADJ	ON	2006/01/30 08:03
S28 4	53	led and splitting mirror and camera	USPAT; USOCR	ADJ	ON	2006/01/30 08:03
S28 5	694	crimping and camera	USPAT; USOCR	ADJ	ON	2006/01/30 08:11
S28 6	344	crimping and camera and wire	USPAT; USOCR	ADJ	ON	2006/01/30 08:12
S28 7	0	(crimping and camera and wire).clm.	USPAT; USOCR	ADJ	ON	2006/01/30 08:12

S28 8	152	crimping same wire and camera	USPAT; USOCR	ADJ	ON	2006/01/30 12:56
S28 9	3	("3641646" "4271581" "4531280").PN. OR ("6381831"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/30 08:16
S29 0	10	("5033188" "5050093" "5067379" "5282311" "5483459" "5514966" "5522130").PN. OR ("5623753").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/30 10:28
S29 1	33	crimping same wire and camera and computer	USPAT; USOCR	ADJ	ON	2006/01/30 12:56
S29 2	1	("6381831").PN.	USPAT; USOCR	OR	OFF	2006/01/30 13:39
S29 3	0	("(crimporcrimperorcrimping)same(t erminalorharness)samecamera"). PN.	USPAT; USOCR	OR	OFF	2006/01/30 13:45
S29 4	35	(crimp or crimper or crimping) same (terminal or harness) same camera	USPAT; USOCR	ADJ	ON	2006/01/30 14:22

S29 5	615	("0518425" "1956778" "20020184753" "2043453" "2064445" "2107970" "2254613" "2369551" "2389644" "2479653" "2618929" "2688231" "2696850" "2729063" "2779590" "2797724" "2821877" "2855971" "2869407" "2876452" "2951409" "2976895" "3019679" "3030838" "3037545" "3051213" "3066717" "3070144" "3079672" "3091276" "3091277" "3101765" "3101912" "3112150" "3130675" "3154981" "3184950" "3190319" "3239924" "3245135" "3253324" "3253451" "3258039" "3258921" "3279040" "3289445" "3289446" "3295189" "3307482" "3310973" "3389717" "3390567" "3398567" "3406558" "3417599" "3420086" "3427839" "3439517" "3459218" "3473213" "3548479" "3550236" "3556368" "3564883" "3588984" "3599279" "3611544" "3612369" "3627367" "3628228" "3631594" "3638687" "3639966" "3641646" "3667104" "3672025" "3673847" "3706134" "3707255" "3707756" "3710610" "3731363" "3740952" "3742564" "3745807" "3771208" "3772907" "3783726" "3800389" "3804130" "3810406" "3813753" "3814145" "3830121" "3842496" "3859708" "3861018" "3863319" "3866294" "3867754" "3872584" "3875662" "3883938" "3883978" "3911717" "3931671" "3932931" "3939552" "3946145" "3946471" "3960309" "3965559" "3967518" "3972218" "3977587" "4007534" "4019362" "4025999" "4028756" "4030527" "4031613" "4031619" "4040167" "4074424").PN. OR ("4109504" "4110983" "4114014" "4118971" "4127936" "4132107" "4133260" "4136440" "4136549" "4148203" "4151720" "4164808" "4171566" "4190890" "4194281" "4216668" "4226110" "4227299" "4230925" "4235015" "4240280" "4249771" "4271581" "4289066" "4292833" "4294006" "4310967"	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/30 14:25
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S29 6	244	S295 and (cutting or cutter)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/30 14:26
S29 7	9	("2369551" "3091277" "3883978" "5353625").PN. OR ("5752405").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/01/30 14:29